

Span L ₁ + L ₂ (m)	1270 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	1.42 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	1.42 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	1.42 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	1.42 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	1.42 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	1.42 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	1778 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	1.93 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	1.93 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	1.93 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	1.93 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	1.93 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	1.93 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	2286 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	2.44 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	2.44 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	2.44 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	2.44 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	2.44 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	2.44 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	2794 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

- Notes:
1. Frame width = Pipe Dia plus 2 x shorter L leg plus 25.4 mm.
 2. Frame length L₁= Left arm length
 3. Frame length L₂= right arm length

Span L ₁ + L ₂ (m)	1524 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	1.68 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	1.68 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	1.68 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	1.68 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	1.68 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	1.68 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	2032 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	2.18 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	2.18 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	2.18 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	2.18 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	2.18 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	2.18 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	2540 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4

Span L ₁ + L ₂ (m)	3048 mm Sign Panel Depth					
	Frame Depth	Frame Width	Chord L	Vertical L	Diagonal L	Top & Bottom Wind Bracing
3.66	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
4.0 to 6.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
6.4 to 9.1	2.70 m	See Note	L127x127x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
9.4 to 12.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
12.4 to 15.2	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4
15.5 to 18.3	2.70 m	See Note	L152x152x12.7	L89x89x7.9	L89x89x7.9	L64x64x6.4



DIST

COUNTY

ROUTE

KILOMETER POST TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

December 30, 2004

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

Tillat Sattar

No. C42892

Exp. 3-31-06

CIVIL

STATE OF CALIFORNIA

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To accompany plans dated _____

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS
SINGLE POST TYPE
STRUCTURAL FRAME MEMBERS
DETAILS No.2

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

NSP S4B AND NSP S4A DATED DECEMBER 30, 2004 SUPERSEDE STANDARD PLAN S4
DATED JULY 1, 1999-PAGE 221 OF THE STANDARD PLANS BOOK DATED JULY 1999.

NEW STANDARD PLAN NSP S4B